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Substitute	e for form 1449A/PT	0			C mplete if Known			
				Application Number	10/088,724			
INFC	RMATION	DISC	CLOSURE	Filing Date	March 18, 2002			
STA	TEMENT B	Y AP	PLICANT	First Named Inventor	Nishimoto			
				Art Unit	Unassigned			
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Sheet	1	of	2	Attorney Docket Number	082377-000000115			

		Document Number			
Examiner	Cite No.1	Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO Complete if Known **Application Number** 10/088,724 INFORMATION DISCLOSURE **Filing Date** March 18, 2002 STATEMENT BY APPLICANT First Named Inventor Nishimoto Art Unit Unassigned (use as many sheets as necessary) **Examiner Name** Unassigned Sheet Attorney Docket Number 082377-000000US

			OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
	Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2'
01,	13	AC 1	BRENNEMAN et al., "Activity-Dependant Neurotrophic Factor: Structure-Activity Relationships of Femtomolar-Acting Peptides," J. Pharmacology Exp. Therapeutics, 285(2): 619-627 (1998).	
JUN 2 6 2	JC42	AD	BRENNEMAN et al., "A Femtomolar-acting Neuroprotective Peptide," <u>J. Clinical Investigation</u> , 97(10): 2299-2307 (1996).	
A PROGRAM	2000	, AE	DORE et al., "Insulin-like growth factor I protects and rescues hippocampal neurons against β-amyloid- and human amylin-induced toxicity," PNAS, 94:4772-4777 (1997).	
PADEMAR	,	AF	GUO et al., "Calbindin D28k blocks the proapoptotic actions of mutant presentlin 1: Reduced oxidative stress and preserved mitochondrial function," PNAS, 95: 3227-3232 (1998).	
		AG	GUO et al., "Secreted β-Amyloid Precursor Protein Counteracts the Proapoptotic Action of Mutant Presenilin-1 by Activation of NF - κB and Stabilization of Calcium Homeostasis*," J. Biological Chemistry, 273(20):12341-12351 (1998).	
		ΑН	MARK et al., "Basic FGF attenuates amyloid β-peptide-induced oxidative stress, mitchondrial dysfunction, and impairment of Na+ /K+-ATPase activity in hippocampal neurons," <u>Brain Research</u> , 756:205-214 (1997).	

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PTO/SB/08A (04-03)

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		Document Number							
Examiner	Cite No.1	Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known **Application Number** 10/088,724 **Filing Date** June 14, 2002 First Named Inventor NISHIMOTO, Ikuo Art Unit 1646 **Examiner Name** Unassigned

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NON PATENT LITERATURE DOCUMENTS					
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Complet if Known Applicati n Number 10/088,724 INFORMATION DISCLOSURE Filing Date March 18, 2002 STATEMENT BY APPLICANT First Named Invent r Nishimoto Art Unit Unassigned (use as many sheets as necessary) **Examiner Name** Unassigned Sheet **Attorney Docket Number** 082377-000000US

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	item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue  number(s), publisher, city and/or country where published.	niner Cite
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